

MNMM Fatal 2006-04

- Electrical
- April 3, 2006 (Tennessee)
- Crushed Stone Operation
- Electrician
- 50 years old
- 11 years mining experience

Overview

The victim received a fatal electrical shock while pushing against a metal building that was suspended from a boom truck.



**Metal Pump
Control House**

Root Causes

- Management policies and controls were inadequate and failed to require that steps were taken to determine if the overhead power line was deenergized before starting the task. There were no safe work procedures implemented to ensure that persons were protected while operating equipment near energized high-voltage power lines.
- Policies and controls were inadequate. Management failed to communicate and document the recent actions that resulted in power being connected to the newly installed overhead high-voltage lines.

Best Practices

- Stop, Look, Analyze, and Manage (SLAM) each task to identify all potential hazards before performing work.
- Ensure that high-voltage power lines are de-energized before operating equipment within 10 feet of them.
- Ensure that one person on the ground is designated to give signals to the crane operator making the lift.
- Ensure that miners are in a safe location prior to lifting the load.
- Non conducting tag lines should be used to steady loads when operating cranes where overhead power lines are present.